

DATE: 2025/10/21

REF TEK 147A-01/3 Accelerometer

S/N: 25711

P/N: R-97499-00

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0003	1.0013	1.0004
10.00	1.0000	1.0000	1.0000
20.00	0.9991	0.9974	0.9988
30.00	0.9979	0.9948	0.9970
40.00	0.9965	0.9926	0.9950
50.00	0.9953	0.9911	0.9933
60.00	0.9945	0.9903	0.9922
70.00	0.9946	0.9906	0.9922
80.00	0.9960	0.9923	0.9939
90.00	0.9989	0.9956	0.9974
100.00	1.0037	1.0009	1.0031
120.00	1.0195	1.0190	1.0222
140.00	1.0432	1.0469	1.0499
160.00	1.0631	1.0724	1.0732

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	2.501	2.500	2.501
Cross-axis Coupling (g/g)	0.44%	0.12%	0.52%

* g = 9.81 m/s²

Rev L (2025-09)